

Title (en)

Method for electronically controlling a bicycle gearshift and electronic system for a bicycle

Title (de)

Verfahren zur elektronischen Steuerung eines Fahrradschalthebels und elektronisches System für ein Fahrrad

Title (fr)

Procédé pour contrôler électroniquement un changement de vitesses de bicyclette et système électronique de bicyclette

Publication

EP 2088071 A1 20090812 (EN)

Application

EP 08425069 A 20080206

Priority

EP 08425069 A 20080206

Abstract (en)

A method for electronically controlling a bicycle gearshift and a bicycle electronic system are disclosed, wherein to perform gearshifting, a displacement of an actuator from a current position (P) to a position (P1, PN) of engagement of a chain on an extreme toothed wheel of a gearshift group is started (203,205), a destination toothed wheel (PT) of the gearshift group is subsequently preselected (208), and the displacement is subsequently stopped (210) when the actuator is in a position (PT) of engagement of the chain on the destination toothed wheel (PT) of the gearshift group.

IPC 8 full level

B62M 25/08 (2006.01); **B62M 9/12** (2006.01)

CPC (source: EP US)

B62M 25/08 (2013.01 - EP US)

Citation (applicant)

- WO 2007001181 A2 20070104 - ERASMUS MC [NL], et al
- EP 1500582 A1 20050126 - CAMPAGNOLO SRL [IT]
- US 6679797 B2 20040120 - VALLE MAURIZIO [IT]
- EP 1475302 A1 20041110 - CAMPAGNOLO SRL [IT]

Citation (search report)

- [X] US 2007213908 A1 20070913 - GUDERZO GIANFRANCO [IT], et al
- [X] US 5213548 A 19930525 - COLBERT RALPH G [US], et al
- [DX] EP 1500582 A1 20050126 - CAMPAGNOLO SRL [IT]
- [X] EP 1591355 A2 20051102 - SHIMANO KK [JP]
- [A] US 6047230 A 20000404 - SPENCER MARC D [US], et al

Cited by

ES2485116A1; ITMI20121990A1; EP2551182A1; CN102897280A; US8645032B2; TWI593594B

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

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